

Abstract:

[0144] The invention includes a system and a method for efficiently bounding the life of an event subscription to the availability of an object in a common object server environment. In particular, the invention provides a method for defining a quality of service for a subscription that mandates an automatic cancellation of the subscription when the object subscriber becomes unreachable. In one embodiment this quality of service may be specified as persistent or transient. The administrator can specify administrative limits associated with each or all subscription that determine the frequency with which checks are made. When a subscription with a transient quality of service is created, the event system periodically determines whether the object is reachable or not. If the object is reachable then it does nothing, but if the object is unreachable it may cancel the subscription.